



HISTEST - CHP

- PC controlled test system
- Use in industrial testing
- Functional test
- Modular construction technology

Description / Application

HISTEST - CHP is used in the production of a flexible manufacturing system test and is suitable for the final inspection of CHP's, collect and record the readings in the making.

With the HISTEST - CHP power runs of the CHP are also performed and recorded (long-term test for several hours).

The system configuration is designed so that a broad spectrum of measurement tasks can be solved.

Thus, HISTEST - CHP can be used as a quality instrument at several points in the production.

Suitable for power ratings up to 500kw

System design

- System design in 19 "Technology
- Functional Test System
- Using standardized and calibrated
- internal and external measuring equipment
- Handheld Scanner
- data logger
- Multimeter

Interfaces to:

- Consumption counter
- Heat meters
- power meter
- Gas meter
- FLue gas analyzer

Technical data of the whole

Dimensions (W x H x D): ca. 553 x 1185 x 780mm

Weight: ca. 200 kg

Control: PC-control with
Systembus,
Ethernet-based

Electrical supply: 230 V / 50 Hz

Power consumption: ca. 250 W

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Test object contacting

- Conversion to various products
- Interfaces for:
 - Electrical measurement
 - Communication with the components of CHP
 - External Instruments

Potential Measurements

- exhaust gas temperature
- Exhaust back pressure
- Engine cooling water temperature
- Engine water pressure
- Vacuum motor
- nominal voltage
- Generator phase current
- oil pressure
- Nitric oxide - / CO - Emissions
- oxygen content
- Gas temperature, pressure, consumption
- Gas leak test (pressure drop test according to DIN 6218-15)
- Heating water flow rate
- Heating water pressure
- Thermal performance
- Electrical power

